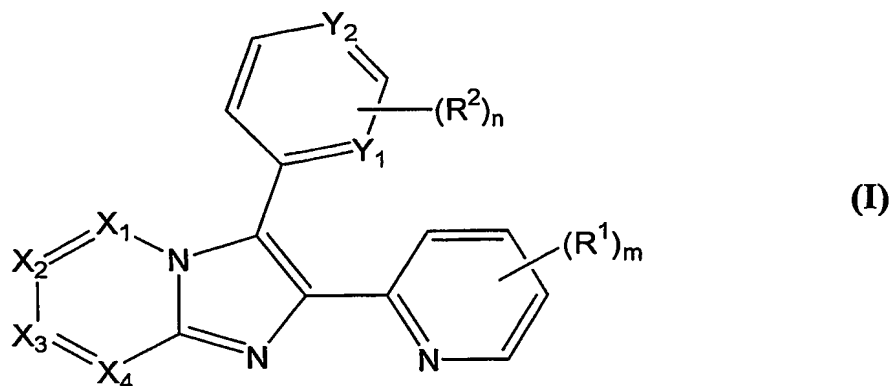


What is claimed is:

1. A compound of the following formula:



wherein

5 each of X_1 , X_2 , X_3 , and X_4 is independently selected from CR^x or N; provided that only two of X_1 , X_2 , X_3 , and X_4 can be N simultaneously;

each of Y_1 and Y_2 is independently selected from CR^y or N; provided that at least one of Y_1 and Y_2 must be N;

10 each R^1 is independently selected from alkyl, alkenyl, alkynyl, alkoxy, acyl, halo, hydroxy, amino, nitro, cyano, guanadino, amidino, carboxy, sulfo, mercapto, alkylsulfanyl, alkylsulfinyl, alkylsulfonyl, aminocarbonyl, alkylcarbonylamino, alkylsulfonylamino, alkoxycarbonyl, alkylcarbonyloxy, urea, thiourea, sulfamoyl, sulfamide, carbamoyl, cycloalkyl, cycloalkyloxy, cycloalkylsulfanyl, heterocycloalkyl, heterocycloalkyloxy, heterocycloalkylsulfanyl, aryl, aryloxy, arylsulfanyl, aroyl, heteroaryl, heteroaryloxy, heteroaryl-sulfanyl, or heteroaroyl;

15 each R^2 is independently selected from alkyl, alkenyl, alkynyl, acyl, halo, hydroxy, $-NH_2$, $-NH(alkyl)$, $-N(alkyl)_2$, $-NH(cycloalkyl)$, $-N(alkyl)(cycloalkyl)$, $-NH(heterocycloalkyl)$, $-NH(heteroaryl)$, $-NH-alkyl-heterocycloalkyl$, $-NH-alkyl-heteroaryl$, $-NH(aralkyl)$, cycloalkyl, (cycloalkyl)alkyl, aryl, aralkyl, aroyl, heterocycloalkyl, (heterocycloalkyl)alkyl, heteroaryl, heteroaralkyl, heteroaroyl, nitro, cyano, guanadino, amidino, carboxy, sulfo, mercapto, alkoxy, cycloalkyloxy, (cycloalkyl)alkoxy, aryloxy, arylalkoxy, heterocycloalkyloxy, (heterocycloalkyl)alkoxy, heteroaryloxy, heteroarylalkoxy, alkylsulfanyl,

cycloalkylsulfanyl, (cycloalkyl)alkylsulfanyl, arylsulfanyl, aralkylsulfanyl,
heterocycloalkylsulfanyl, (heterocycloalkyl)alkylsulfanyl, heteroarylsulfanyl,
heteroarylalkylsulfanyl, alkylsulfinyl, alkylsulfonyl, aminocarbonyl, aminosulfonyl,
alkylcarbonylamino, cycloalkylcarbonylamino, (cycloalkyl(alkylcarbonylamino,
5 arylcarbonylamino, aralkylcarbonylamino, (heterocycloalkyl)carbonylamino,
(heterocycloalkyl)alkylcarbonylamino, heteroarylcarbonylamino,
heteroaralkylcarbonylamino, alkoxycarbonylaminoalkylamino,
(heteroaryl)arylcarbonylaminoalkylamino, heteroaralkylcarbonylaminoalkylamino,
(heteroaryl)arylsulfonylaminoalkylcarbonylaminoalkylamino,
10 arylsulfonylaminoalkylamino, alkoxycarbonyl, alkylcarbonyloxy, urea, thiourea,
sulfamoyl, sulfamide, or carbamoyl;

m is selected from 0, 1, 2, 3, or 4; provided that when $m \geq 2$, two adjacent R^1
groups can join together to form a 4- to 8-membered optionally substituted cyclic
moiety;

15 n is selected from 0, 1, 2, or 3; provided that when $n \geq 2$, two adjacent R^2
groups can join together to form a 4- to 8-membered optionally substituted cyclic
moiety; and

each of R^x and R^y is independently selected from hydrogen, alkyl, alkenyl,
alkynyl, alkoxy, acyl, halo, hydroxy, amino, nitro, cyano, guanidino, amidino,
20 carboxy, sulfo, mercapto, alkylsulfanyl, alkylsulfinyl, alkylsulfonyl,
cycloalkylcarbonyl, (cycloalkyl)alkylcarbonyl, aroyl, aralkylcarbonyl,
heterocycloalkylcarbonyl, (heterocycloalkyl)acyl, heteroaroyl, (heteroaryl)acyl,
aminocarbonyl, alkylcarbonylamino, (amino)aminocarbonyl,
alkylsulfonylamino, cycloalkylcarbonylamino,
25 cycloalkylsulfonylamino, (cycloalkyl)alkylcarbonylamino,
(cycloalkyl)alkylsulfonylamino, arylcarbonylamino, arylsulfonylamino,
aralkylcarbonylamino, aralkylsulfonylamino, (heterocycloalkyl)carbonylamino,
(heterocycloalkyl)sulfonylamino, (heterocycloalkyl)alkylcarbonylamino,
(heterocycloalkyl)alkylsulfonylamino, heteroarylcarbonylamino,
30 heteroarylsulfonylamino, heteroaralkylcarbonylamino, heteroaralkylsulfonylamino,
alkoxycarbonyl, alkylcarbonyloxy, urea, thiourea, sulfamoyl, sulfamide, carbamoyl,

cycloalkyl, cycloalkyloxy, cycloalkylsulfanyl, (cycloalkyl)alkyl, (cycloalkyl)alkoxy, (cycloalkyl)alkylsulfanyl, heterocycloalkyl, heterocycloalkyloxy, heterocycloalkylsulfanyl, (heterocycloalkyl)alkyl, (heterocycloalkyl)alkoxy, (heterocycloalkyl)alkylsulfanyl, aryl, aryloxy, arylsulfanyl, aralkyl, aralkyloxy, aralkylsulfanyl, arylalkenyl, arylalkynyl, heteroaryl, heteroaryloxy, heteroaryl-sulfanyl, heteroaralkyl, (heteroaryl)alkoxy, or (heteroaryl)alkylsulfanyl; or a pharmaceutically acceptable salt or N-oxide thereof.

2. The compound of claim 1, wherein each of X_1 , X_2 , and X_3 is CR^x .

3. The compound of claim 2, wherein each R^x is independently selected from hydrogen, unsubstituted alkyl, hydroxyalkyl, haloalkyl, aminoalkyl, aryloxyalkyl, heteroaralkyloxyalkyl, alkoxy, halo, hydroxy, carboxy, cyano, guanadino, amidino, amino, carboxy, (heteroaryl)acyl, alkoxycarbonyl, aminocarbonyl, alkylcarbonylamino, cycloalkylcarbonylamino, heteroarylcarbonylamino, (heterocycloalkyl)alkoxy, (heteroaryl)alkoxy, (heteroaryl)alkylsulfanyl, heterocycloalkyl, (heterocycloalkyl)alkyl, heteroaryl, or heteroaralkyl.

4. The compound of claim 2, wherein each R^x is independently selected from hydrogen, unsubstituted alkyl, hydroxyalkyl, trifluoromethyl, alkoxy, halo, hydroxy, cyano, guanadino, amidino, $-NH_2$, $-NH$ (unsubstituted alkyl), $-NH$ (hydroxyalkyl), $-NH$ (alkoxyalkyl), $-NH$ (carboxyalkyl), $-N$ (unsubstituted alkyl)₂, $-NH$ (heterocycloalkyl), $-NH$ (heteroaryl), $-NH$ (heterocycloalkylalkyl), $-NH$ (aralkyl), $-NH$ (heteroaralkyl), $-NH-CO$ -alkyl, $-NH-CO$ -heteroaryl, aminocarbonyl, heterocycloalkyl, or heteroaryl.

5. The compound of claim 2, wherein each R^x is hydrogen, methyl, ethyl, $-NH_2$, $-NH-CO$ -methyl, $-NH-CO$ -ethyl, $-NH-CO$ -pyridyl, or $-CO-NH(OH)$.

6. The compound of claim 2, wherein each of X₂, X₃, and X₄ is independently selected from -CH-, -C(CH₃)-, -C(OH)-, -C(NH₂)-, -C(CO-NH₂)-, -C(CO-NHOH)-, -C(NH(unsubstituted alkyl))-, -C(NH(aryl))-,
 5 -C(NH(aralkyl))-, -C(NH(heteroaryl))-, -C(NH(heteroarylalkyl))-,
 -C(NH-CO-(unsubstituted alkyl))-, -C(NH-CO-(aryl))-, -C(NH-CO-(heteroaryl))-,
 -C(NH-CO-(aralkyl))-, -C(NH-CO-(heteroarylalkyl))-,
 -C(NH-SO₂-(unsubstituted alkyl))-, -C(NH-SO₂-(aryl))-, -C(NH-SO₂-heteroaryl))-,
 -C(NH-SO₂-(aralkyl))-, -C(NH-SO₂-(heteroarylalkyl))-,
 -C(NH-SO₂-NH(unsubstituted alkyl))-, -C(NH-SO₂-NH(aryl))-,
 10 -C(NH-SO₂-NH(heteroaryl))-, -C(NH-SO₂-NH(aralkyl))-,
 -C(NH-SO₂-NH(heteroarylalkyl))-, -C(hydroxyalkyl)-, or -C(carboxy)-,
 and X₁ is -CH-.
7. The compound of claim 2, wherein each of X₁ and X₂ is -CH-; X₄ is N; and X₃ is -
 15 C(NH₂)-, -C(NH(unsubstituted alkyl))-, -C(NH(aryl))-,
 -C(NH(aralkyl))-, -C(NH(heteroaryl))-, -C(NH(heteroarylalkyl))-,
 -C(NH-CO-(unsubstituted alkyl))-, -C(NH-CO-(aryl))-, -C(NH-CO-(heteroaryl))-,
 -C(NH-CO-(aralkyl))-, -C(NH-CO-(heteroarylalkyl))-,
 -C(NH-SO₂-(unsubstituted alkyl))-, -C(NH-SO₂-(aryl))-, -C(NH-SO₂-heteroaryl))-,
 20 -C(NH-SO₂-(aralkyl))-, -C(NH-SO₂-(heteroarylalkyl))-,
 -C(NH-SO₂-NH(unsubstituted alkyl))-, -C(NH-SO₂-NH(aryl))-,
 -C(NH-SO₂-NH(heteroaryl))-, -C(NH-SO₂-NH(aralkyl))-, or
 -C(NH-SO₂-NH(heteroarylalkyl))-.
8. The compound of claim 2, wherein m is selected from 0, 1, or 2.
9. The compound of claim 8, wherein each R¹ is independently selected from unsubstituted alkyl, hydroxyalkyl, haloalkyl, aminoalkyl, aryloxyalkyl, heteroaralkyloxyalkyl, unsubstituted alkenyl, alkoxy, acyl, halo, hydroxy, carboxy,
 30 cyano, guanadino, amidino, amino, carboxy, mercapto, alkylsulfanyl, alkylsulfinyl, alkylsulfonyl, aminocarbonyl, alkylcarbonylamino, alkoxycarbonyl, alkylcarbonyloxy,

alkylsulfonyl, sulfamoyl, cycloalkyl, heterocycloalkyl, (heterocycloalkyl)alkyl, heteroaryl, or heteroaralkyl.

10. The compound of claim 8, wherein m is 1 and R¹ is selected from 6-alkyl, 6-alkenyl, 6-cycloalkyl, or 6-halo.

11. The compound of claim 8, wherein both Y₁ and Y₂ are N.

12. The compound of claim 11, wherein n is selected from 1 or 2 and each R² is independently selected from unsubstituted alkyl, hydroxyalkyl, haloalkyl, aminoalkyl, aryloxyalkyl, heteroaralkyloxyalkyl, alkoxy, acyl, halo, hydroxy, carboxy, cyano, guanadino, amidino, -NH₂, monoalkylamino, dialkylamino, monocycloalkylamino, monoheterocycloalkyl-amino, monoheteroaryl-amino, mono(heterocycloalkylalkyl)amino, mono(heteroaralkyl)amino, -N(alkyl)(cycloalkyl), mercapto, alkylsulfanyl, alkylsulfinyl, alkylsulfonyl, -CO-NH₂, -CO-NH(alkyl), -CO-N(alkyl)₂, -NH-CO-alkyl, -N(alkyl)-CO-alkyl, -CO₂-alkyl, -O-CO-alkyl, -SO₂-NH₂, -SO₂-NH(alkyl), -SO₂-N(alkyl)₂, -NH-SO₂-alkyl, -N(alkyl)-SO₂-alkyl, -NH-CO-NH(alkyl), -N(alkyl)-CO-NH(alkyl), -NH-alkyl-NH-CO-alkyl-heteroaryl, -NH-alkyl-NH-CO-aryl-heteroaryl, -NH-alkyl-NH-CO-alkyl-NH-SO₂-aryl-heteroaryl, -NH-alkyl-NH-SO₂-aryl, -NH-SO₂-NH(alkyl), -N(alkyl)-SO₂-NH(alkyl), heterocycloalkyl, or heteroaryl.

13. The compound of claim 12, wherein R² is substituted at the 3-position with a group selected from guanadino, amidino, -NH₂, monoalkylamino, dialkylamino, monocycloalkylamino, monoheterocycloalkylamino, monoheteroarylamino, mono((heterocycloalkyl)alkyl)amino, mono(heteroaralkyl)amino, -NH-CO-NH(alkyl), -N(alkyl)-CO-NH(alkyl), -NH-alkyl-NH-CO-alkyl-heteroaryl, -NH-alkyl-NH-CO-aryl-heteroaryl, -NH-alkyl-NH-CO-alkyl-NH-SO₂-aryl-heteroaryl, -NH-alkyl-NH-SO₂-aryl, -NH-SO₂-NH(alkyl), -N(alkyl)-SO₂-NH(alkyl), heterocycloalkyl, or heteroaryl.

14. The compound of claim 13, wherein m is 1 and R¹ is selected from 6-methyl, 6-ethyl, 6-propyl, 6-chloro, 6-trifluoromethyl, 6-vinyl, or 6-cyclopropyl.

15. The compound of claim 1, wherein m is selected from 0, 1, or 2.

16. The compound of claim 15, wherein R¹ is substituted at the 5-position or the 6-position.

17. The compound of claim 16, wherein R¹ is C₁₋₄ alkyl, C₁₋₄ alkoxy, C₁₋₄ alkylthio, halo, amino, aminocarbonyl, or alkoxycarbonyl.

18. The compound of claim 15, wherein each R¹ is independently selected from unsubstituted alkyl, hydroxyalkyl, haloalkyl, aminoalkyl, aryloxyalkyl, heteroaralkyloxyalkyl, unsubstituted alkenyl, alkoxy, acyl, halo, hydroxy, carboxy, cyano, guanadino, amidino, -NH₂, monoalkylamino, dialkylamino, monoheterocycloalkylamino, monoheteroaryl amino, mono(heterocyclylalkyl)amino, mono(aralkyl)amino, mono(heteroaralkyl)amino, carboxy, mercapto, alkylsulfanyl, alkylsulfinyl, alkylsulfonyl, -CONH₂, -CONH(alkyl), -CO-N(alkyl)₂, -NH-CO-alkyl, -N(alkyl)-CO-alkyl, -CO₂-alkyl, -O-CO-alkyl, -SO₂-NH₂, -SO₂-NH(alkyl), -SO₂-N(alkyl)₂, cycloalkyl, heterocycloalkyl, or heteroaryl.

19. The compound of claim 18, wherein m is 1 and R¹ is selected from 6-methyl, 6-ethyl, 6-propyl, 6-chloro, 6-trifluoromethyl, 6-ethyl, 6-vinyl, or 6-cyclopropyl.

20. The compound of claim 1, wherein both Y₁ and Y₂ are N.

21. The compound of claim 20, wherein n is selected from 1 or 2 and each R² is independently selected from unsubstituted alkyl, hydroxyalkyl, haloalkyl, aminoalkyl, aryloxyalkyl, heteroaralkyloxyalkyl, alkoxy, acyl, halo, hydroxy, carboxy, cyano, guanadino, amidino, -NH₂, monoalkylamino, dialkylamino, monocycloalkylamino, monoheterocycloalkylamino, monoheteroaryl-amino, mono(heterocycloalkylalkyl)-

amino, mono(heteroaralkyl)amino, -N(alkyl)(cycloalkyl), mercapto, alkylsulfanyl, alkylsulfinyl, alkylsulfonyl, -CONH₂, -CONH(alkyl), -CO-N(alkyl)₂, -NH-CO-alkyl, -N(alkyl)-CO-alkyl, -CO₂-alkyl, -O-CO-alkyl, -SO₂-NH₂, -SO₂-NH(alkyl), -SO₂-N(alkyl)₂, -NH-SO₂-alkyl, -N(alkyl)-SO₂-alkyl, -NH-CO-NH(alkyl), -N(alkyl)-CO-NH(alkyl), -NH-SO₂-NH(alkyl), -N(alkyl)-SO₂-NH(alkyl), -NH-alkyl-NH-CO-alkyl-heteroaryl, -NH-alkyl-NH-CO-aryl-heteroaryl, -NH-alkyl-NH-CO-alkyl-NH-SO₂-aryl-heteroaryl, -NH-alkyl-NH-SO₂-aryl, heterocycloalkyl, or heteroaryl.

22. The compound of claim 21, wherein n is 1 and each R² is independently selected from guanadino, amidino, -NH₂, monoalkylamino, dialkylamino, monocycloalkylamino, monoheterocycloalkylamino, monoheteroarylamino, mono((heterocycloalkyl)alkyl)amino, mono(heteroaralkyl)amino, -NH-CO-NH(alkyl), -N(alkyl)-CO-NH(alkyl), -NH-SO₂-NH(alkyl), -N(alkyl)-SO₂-NH(alkyl), -NH-alkyl-NH-CO-alkyl-heteroaryl, -NH-alkyl-NH-CO-aryl-heteroaryl, -NH-alkyl-NH-CO-alkyl-NH-SO₂-aryl-heteroaryl, -NH-alkyl-NH-SO₂-aryl, heterocycloalkyl, or heteroaryl.

23. The compound of claim 22, wherein R² is substituted at the 3-position.

24. The compound of claim 1, wherein each of X₂, X₃, and X₄ is independently selected from -CH-, -C(OH)-, -C(NH₂)-, -C(NH(unsubstituted alkyl))-, -C(NH(aryl))-, -C(NH(aralkyl))-, -C(NH(heteroaryl))-, -C(NH(heteroarylalkyl))-, -C(NH-CO-(unsubstituted alkyl))-, -C(NH-CO-(aryl))-, -C(NH-CO-(heteroaryl))-, -C(NH-CO-(aralkyl))-, -C(NH-CO-(heteroarylalkyl))-, -C(NH-SO₂-(unsubstituted alkyl))-, -C(NH-SO₂-(aryl))-, -C(NH-SO₂-(heteroaryl))-, -C(NH-SO₂-(aralkyl))-, -C(NH-SO₂-(heteroarylalkyl))-, -C(NH-SO₂-NH(unsubstituted alkyl))-, -C(NH-SO₂-NH(aryl))-, -C(NH-SO₂-NH(heteroaryl))-, -C(NH-SO₂-NH(aralkyl))-, -C(NH-SO₂-NH(heteroarylalkyl))-, -C(hydroxyalkyl)-, -C(carboxy)-, or N.

25. The compound of claim 1, wherein X₁ is -CH-.

26. The compound of claim 1, wherein X₁ is N.

5 27. The compound of claim 1, wherein X₂ is N.

28. The compound of claim 1, wherein X₃ is N.

29. The compound of claim 1, wherein X₄ is N.

10

30. The compound of claim 1, selected from

(2-Methoxy-ethyl)-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

15

(3-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-propyl)-carbamic acid tert-butyl ester;

(3-Imidazol-1-yl-propyl)-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

(4-Methoxy-benzyl)-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

20

[2-(6-Methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-a]pyridin-6-yl]-methanol;

3-(2-Methanesulfonyl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine;

25

(4-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-carbamic acid tert-butyl ester;

(4-Amino-benzyl)-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

(5-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-pentyl)-carbamic acid tert-butyl ester;

30

[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-6-yl]-methanol;

[3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-7-yl]-methanol;

[3-(2-Amino-pyrimidin-4-yl)-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-yl]-(2-morpholin-4-yl-ethyl)-amine;

5 [3-(2-Amino-pyrimidin-4-yl)-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-yl]-(2-pyridin-2-yl-ethyl)-amine;

[3-(2-Amino-pyrimidin-4-yl)-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-yl]-(2-pyridin-3-yl-ethyl)-amine;

10 [3-(2-methanesulfonyl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-6-yl]-methanol;

[3-(2-Amino-pyrimidin-4-yl)-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-yl]-(2-pyridin-4-yl-ethyl)-amine;

[3-(2-Amino-pyrimidin-4-yl)-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-yl]-(3-morpholin-4-yl-propyl)-amine;

15 [3-(4-Methyl-piperazin-1-yl)-propyl]-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

[3-(4-Methyl-piperidin-1-yl)-propyl]-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

20 [4-(2-Pyridin-2-yl-imidazo[1,2-a]pyridin-3-yl)-pyrimidin-2-yl]-pyridin-3-ylmethylamine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-((R)-1-phenyl-ethyl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-((S)-1-phenyl-ethyl)-amine;

25 {4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(1H-tetrazol-5-yl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2H-pyrazol-3-yl)-amine;

30 {4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2-morpholin-4-yl-ethyl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2-pyridin-2-yl-ethyl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2-pyridin-3-yl-ethyl)-amine;

5 {4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2-pyridin-4-yl-ethyl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(3-morpholin-4-yl-propyl)-amine;

10 {4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(3-piperidin-1-yl-propyl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-[1,3,4]thiadiazol-2-yl-amine;

2-(6-Methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-a]pyridine;

15 2-(6-Methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid methyl ester;

2-(6-Methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid ethyl ester;

20 2-(6-Methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-a]pyrimidin-7-ylamine;

{7,7-Dimethyl-8-[5-(4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butylcarbamoyl)-pentyl]-2-oxo-4-trifluoromethyl-7,8-dihydro-2H-1-oxa-8-aza-anthracen-5-yl}-methanesulfonic acid;

25 2-(2,7-Difluoro-6-hydroxy-3-oxo-9,9a-dihydro-3H-xanthen-9-yl)-3,5,6-trifluoro-4-[(4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butylcarbamoyl)-methylsulfanyl]-benzoic acid;

2-(6-Methyl-pyridin-2-yl)-3-(2-morpholin-4-yl-pyrimidin-4-yl)-imidazo[1,2-a]pyridine;

30 2-(6-Methyl-pyridin-2-yl)-3-(2-piperidin-1-yl-pyrimidin-4-yl)-imidazo[1,2-a]pyridine;

2-(6-Methyl-pyridin-2-yl)-3-(2-pyrrolidin-1-yl-pyrimidin-4-yl)-imidazo[1,2-a]pyridine;

2-(6-Methyl-pyridin-2-yl)-3-[2-(1H-tetrazol-5-yl)-pyrimidin-4-yl]-imidazo[1,2-a]pyridine;

5 2-(6-Methyl-pyridin-2-yl)-3-pyrimidin-4-yl-imidazo[1,2-a]pyridine;

2-(6-Methyl-pyridin-2-yl)-3-pyrimidin-4-yl-imidazo[1,2-a]pyrimidin-7-ylamine;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-ylamine;

10 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carbonitrile;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid ([1,4]dioxan-2-ylmethyl)-amide;

15 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid ([1,4]dioxan-2-ylmethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid (2-dimethylamino-ethyl)-amide;

20 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid (2-methoxy-ethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid (2-thiophen-2-yl-ethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid [3-(4-methyl-piperazin-1-yl)-propyl]-amide;

25 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid cyclopropylamide;

30 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid ethylamide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid hydroxyamide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid methoxy-amide;

5 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid methyl ester;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid;

10 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid ([1,4]dioxan-2-ylmethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid (2-amino-ethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid (2-dimethylamino-ethyl)-amide;

15 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid (2-hydroxy-ethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid (2-oxo-2-pyridin-3-yl-ethyl)-amide;

20 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid (2-thiophen-2-yl-ethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid (piperidin-3-ylmethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid 2,2-dimethylhydrazide;

25 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid cyclopropylamide;

30 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid ethyl ester;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid ethylamide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid hydroxyamide;

5 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid methoxy-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-ylamine;

3-(2-Azetidin-1-yl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine;

10 3-(2-Methanesulfonyl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid ethyl ester;

3-(2-Methanesulfonyl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid methyl ester;

15 3-(2-Methanesulfonyl-pyrimidin-4-yl)-7-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine;

3-(2-Methanesulfonyl-pyrimidin-4-yl)-8-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine;

3,3-Dimethyl-N-[2-(6-methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-a]pyrimidin-7-yl]-butyramide;

20 3-(2-Methanesulfonyl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carbonitrile;

3-(2-Methylsulfanyl-pyrimidin-4-yl)-2-pyridin-2-yl-imidazo[1,2-a]pyridine;

3,6-Dichloro-N-(4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-2-(2,4,5,7-Tetrachloro-6-hydroxy-3-oxo-9,9a-dihydro-3H-xanthen-9-yl)-terephthalamic acid;

25 3-[2-(2-Methyl-aziridin-1-yl)-pyrimidin-4-yl]-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine;

3-[2-(4-Methyl-piperazin-1-yl)-pyrimidin-4-yl]-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine;

30 3-{[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carbonyl]-amino}-propionic acid methyl ester;

3-{{3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carbonyl}-amino}-propionic acid methyl ester;

3-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-phenol;

5 4-(2-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-ethyl)-benzenesulfonamide;

4-(2-Pyridin-2-yl-imidazo[1,2-a]pyridin-3-yl)-pyrimidin-2-ylamine;

4-[2-(6-Chloro-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

10 4-[2-(6-Methyl-pyridin-2-yl)-7-trifluoromethyl-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidine-2-carbonitrile;

4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidine-2-carboxylic acid amide;

15 4-[6-Bromo-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[6-Chloro-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

20 4-[6-Fluoro-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[6-Methyl-2-(6-methyl-pyridin-2-yl)-8-(2-morpholin-4-yl-ethylamino)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ol;

4-[6-Methyl-2-(6-methyl-pyridin-2-yl)-8-(2-pyridin-2-yl-ethylamino)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ol;

25 4-[6-Methyl-2-(6-methyl-pyridin-2-yl)-8-(2-pyridin-3-yl-ethylamino)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ol;

4-[6-Methyl-2-(6-methyl-pyridin-2-yl)-8-(2-pyridin-4-yl-ethylamino)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ol;

30 4-[6-Methyl-2-(6-methyl-pyridin-2-yl)-8-morpholin-4-yl-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ol;

4-[6-Methyl-2-(6-methyl-pyridin-2-yl)-8-morpholin-4-yl-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[6-Methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

5 4-[7-Aminomethyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[7-Methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

10 4-[8-Benzyloxy-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ol;

4-[8-Benzyloxy-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[8-Bromo-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ol;

15 4-[8-Methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

6-Chloro-3-(2-methanesulfonyl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine;

20 5-Dimethylamino-naphthalene-1-sulfonic acid (4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-amide;

6-(2,7-Difluoro-6-hydroxy-3-oxo-3H-xanthen-9-yl)-N-(4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-isophthalamide;

6-Amino-9-[2-carboxy-5-(4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butylcarbonyl)-phenyl]-xanthen-3-ylidene-ammonium;

25 6-Bromo-2-(6-methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-a]pyridine;

6-Fluoro-2-(6-methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-a]pyridine;

30 7-Amino-4-methyl-3-[(4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butylcarbonyl)-methyl]-2-oxo-2H-chromene-6-sulfonic acid;

Cyclobutyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

Cyclopentyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

5 Cyclopropyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

Cyclopropyl-methyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

10 Dimethyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

Isopropyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

Methyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

15 N-(2-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-ethyl)-acetamide;

N-(4-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-acetamide;

20 N,N-Dimethyl-N'-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-ethane-1,2-diamine;

N-[2-(6-Methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-a]pyrimidin-7-yl]-3-pyridin-3-yl-propionamide;

N-[2-(6-Methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-a]pyrimidin-7-yl]-nicotinamide;

25 N-[2-(6-Methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-a]pyrimidin-7-yl]-propionamide;

N-[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carbonyl]-methanesulfonamide;

30 N-[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carbonyl]-methanesulfonamide;

N-[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-2-(3-methoxy-phenyl)-acetamide;

N-[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-3,3-dimethyl-butyramide;

5 N-[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-3-pyridin-3-yl-propionamide;

N-[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-acetamide;

10 N-[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-nicotinamide;

N-[3-(2-Methanesulfonyl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-2-(3-methoxy-phenyl)-acetamide;

N-[3-(2-Methanesulfonyl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-3,3-dimethyl-butyramide;

15 N-[3-(2-Methanesulfonyl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-3-pyridin-3-yl-propionamide;

N-[3-(2-Methanesulfonyl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-nicotinamide;

20 N-[3-(2-Methanesulfonyl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-propionamide;

N-[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-propionamide;

N-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-acetamide;

25 N1-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-butane-1,4-diamine;

N1-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-propane-1,3-diamine;

30 N-(4-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-(BODIPY FL) amide;

N-(4-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-(Texas Red-X) amide;

or pharmaceutically acceptable salts or N-oxides thereof.

- 5 31. The compound of claim 1, selected from
(2-Methoxy-ethyl)-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;
(3-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-propyl)-carbamic acid tert-butyl ester;
- 10 (3-Imidazol-1-yl-propyl)-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;
(4-Amino-benzyl)-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;
- 15 (5-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-pentyl)-carbamic acid tert-butyl ester;
[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-6-yl]-methanol;
- 20 [3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-7-yl]-methanol;
- 25 [3-(2-Amino-pyrimidin-4-yl)-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-yl]-(2-pyridin-2-yl-ethyl)-amine;
[3-(4-Methyl-piperazin-1-yl)-propyl]-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;
- 30 [3-(4-Methyl-piperidin-1-yl)-propyl]-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;
{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2H-pyrazol-3-yl)-amine;
- {4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2-morpholin-4-yl-ethyl)-amine;
- {4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2-pyridin-2-yl-ethyl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2-pyridin-3-yl-ethyl)-amine;
{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2-pyridin-4-yl-ethyl)-amine;
5 {4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(3-morpholin-4-yl-propyl)-amine;
{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(3-piperidin-1-yl-propyl)-amine;
{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-
10 [1,3,4]thiadiazol-2-yl-amine;
2-(6-Methyl-pyridin-2-yl)-3-pyrimidin-4-yl-imidazo[1,2-a]pyrimidin-7-ylamine;
3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carbonitrile;
3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-
15 carboxylic acid (2-methoxy-ethyl)-amide;
3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid amide;
3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid cyclopropylamide;
20 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid ethylamide;
3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid hydroxyamide;
3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-
25 carboxylic acid methoxy-amide;
3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid (2-thiophen-2-yl-ethyl)-amide;
3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid amide;
30 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid cyclopropylamide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid ethylamide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid methoxy-amide;

5 3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-ylamine;

3-(2-Azetidin-1-yl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine;

3-[2-(2-Methyl-aziridin-1-yl)-pyrimidin-4-yl]-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine;

10 3-{[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carbonyl]-amino}-propionic acid methyl ester;

4-(2-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-ethyl)-benzenesulfonamide;

4-[2-(6-Chloro-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

15 4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidine-2-carbonitrile;

4-[6-Bromo-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

20 4-[6-Chloro-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[6-Fluoro-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

25 4-[7-aminomethyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[7-Methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

30 4-[8-Methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

6-(2,7-Difluoro-6-hydroxy-3-oxo-3H-xanthen-9-yl)-N-(4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-isophthamic acid;
 7-Amino-4-methyl-3-[(4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butylcarbamoyl)-methyl]-2-oxo-2H-chromene-6-sulfonic acid;
 5 Cyclobutyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;
 Cyclopentyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;
 Cyclopropyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;
 10 Cyclopropyl-methyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;
 Dimethyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;
 15 Isopropyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;
 Methyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;
 N-(2-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-ethyl)-acetamide;
 20 N-(4-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-acetamide;
 N-[3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-2-(3-methoxy-phenyl)-acetamide;
 25 N-[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-3,3-dimethyl-butyramide;
 N-[3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-3-pyridin-3-yl-propionamide;
 N-[3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-acetamide;
 30

N-[3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-nicotinamide;

N-[3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-propionamide;

5 N-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-acetamide;

N1-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-butane-1,4-diamine;

10 (4-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-carbamic acid tert-butyl ester;

[3-(2-Amino-pyrimidin-4-yl)-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-yl]-(2-morpholin-4-yl-ethyl)-amine;

[3-(2-Amino-pyrimidin-4-yl)-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-yl]-(2-pyridin-3-yl-ethyl)-amine;

15 [3-(2-Amino-pyrimidin-4-yl)-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-yl]-(2-pyridin-4-yl-ethyl)-amine;

[3-(2-Amino-pyrimidin-4-yl)-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-yl]-(3-morpholin-4-yl-propyl)-amine;

20 [4-(2-Pyridin-2-yl-imidazo[1,2-a]pyridin-3-yl)-pyrimidin-2-yl]-pyridin-3-ylmethylamine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-((R)-1-phenyl-ethyl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-((S)-1-phenyl-ethyl)-amine;

25 {4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(1H-tetrazol-5-yl)-amine;

{7,7-Dimethyl-8-[5-(4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butylcarbonyl)-pentyl]-2-oxo-4-trifluoromethyl-7,8-dihydro-2H-1-oxa-8-aza-anthracen-5-yl}-methanesulfonic acid;

30 2-(6-Methyl-pyridin-2-yl)-3-(2-morpholin-4-yl-pyrimidin-4-yl)-imidazo[1,2-a]pyridine;

2-(6-Methyl-pyridin-2-yl)-3-(2-piperidin-1-yl-pyrimidin-4-yl)-imidazo[1,2-a]pyridine;

2-(6-Methyl-pyridin-2-yl)-3-(2-pyrrolidin-1-yl-pyrimidin-4-yl)-imidazo[1,2-a]pyridine;

5 2-(6-Methyl-pyridin-2-yl)-3-pyrimidin-4-yl-imidazo[1,2-a]pyridine;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-ylamine;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid;

10 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid ([1,4]dioxan-2-ylmethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid ([1,4]dioxan-2-ylmethyl)-amide;

15 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid (2-dimethylamino-ethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid (2-thiophen-2-yl-ethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid methyl ester;

20 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid ([1,4]dioxan-2-ylmethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid (2-dimethylamino-ethyl)-amide;

25 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid (2-hydroxy-ethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid (2-oxo-2-pyridin-3-yl-ethyl)-amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid (piperidin-3-ylmethyl)-amide;

30 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid ethyl ester;

3-(2-Methylsulfanyl-pyrimidin-4-yl)-2-pyridin-2-yl-imidazo[1,2-a]pyridine;
3-[2-(4-Methyl-piperazin-1-yl)-pyrimidin-4-yl]-2-(6-methyl-pyridin-2-yl)-
imidazo[1,2-a]pyridine;
3-{{3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-
5 carbonyl]-amino}-propionic acid methyl ester;
4-(2-Pyridin-2-yl-imidazo[1,2-a]pyridin-3-yl)-pyrimidin-2-ylamine;
4-[2-(6-Methyl-pyridin-2-yl)-7-trifluoromethyl-imidazo[1,2-a]pyridin-3-yl]-
pyrimidin-2-ylamine;
4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidine-2-carboxylic
10 acid amide;
4-[6-Methyl-2-(6-methyl-pyridin-2-yl)-8-(2-morpholin-4-yl-ethylamino)-imidazo[1,2-
a]pyridin-3-yl]-pyrimidin-2-ol;
4-[6-Methyl-2-(6-methyl-pyridin-2-yl)-8-morpholin-4-yl-imidazo[1,2-a]pyridin-3-yl]-
pyrimidin-2-ylamine;
15 4-[8-Benzyloxy-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-
ol;
4-[8-Benzyloxy-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-
ylamine;
4-[8-Bromo-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-
20 pyrimidin-2-ol;
5-Dimethylamino-naphthalene-1-sulfonic acid (4-{4-[2-(6-methyl-pyridin-2-yl)-
imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-amide;
6-Amino-9-[2-carboxy-5-(4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-
yl]-pyrimidin-2-ylamino}-butylcarbamoyl)-phenyl]-xanthen-3-ylidene-ammonium;
25 6-Bromo-2-(6-methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-
a]pyridine;
6-Fluoro-2-(6-methyl-pyridin-2-yl)-3-(2-methylsulfanyl-pyrimidin-4-yl)-imidazo[1,2-
a]pyridine;
N,N-Dimethyl-N'-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-
30 pyrimidin-2-yl}-ethane-1,2-diamine;

N1-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-propane-1,3-diamine;

N-(4-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-(BODIPY FL) amide;

5 N-(4-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-(Texas Red-X) amide;

or pharmaceutically acceptable salts or N-oxides thereof.

32. The compound of claim 1, selected from

10 (2-Methoxy-ethyl)-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

(3-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-propyl)-carbamic acid tert-butyl ester;

15 (3-Imidazol-1-yl-propyl)-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

(4-Amino-benzyl)-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

(5-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-pentyl)-carbamic acid tert-butyl ester;

20 [3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-6-yl]-methanol;

[3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-7-yl]-methanol;

25 [3-(2-Amino-pyrimidin-4-yl)-6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-8-yl]-(2-pyridin-2-yl-ethyl)-amine;

[3-(4-Methyl-piperazin-1-yl)-propyl]-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

[3-(4-Methyl-piperidin-1-yl)-propyl]-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

30 {4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2H-pyrazol-3-yl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2-morpholin-4-yl-ethyl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2-pyridin-2-yl-ethyl)-amine;

5 {4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2-pyridin-3-yl-ethyl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(2-pyridin-4-yl-ethyl)-amine;

10 {4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(3-morpholin-4-yl-propyl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-(3-piperidin-1-yl-propyl)-amine;

{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-[1,3,4]thiadiazol-2-yl-amine;

15 2-(6-Methyl-pyridin-2-yl)-3-pyrimidin-4-yl-imidazo[1,2-a]pyrimidin-7-ylamine;

3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carbonitrile;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid (2-methoxy-ethyl)-amide;

20 3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid cyclopropylamide;

25 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid ethylamide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid hydroxyamide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-6-carboxylic acid methoxy-amide;

30 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid (2-thiophen-2-yl-ethyl)-amide;

3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid amide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid cyclopropylamide;

5 3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid ethylamide;

3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carboxylic acid methoxy-amide;

10 3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-ylamine;

3-(2-Azetidin-1-yl-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine;

3-[2-(2-Methyl-aziridin-1-yl)-pyrimidin-4-yl]-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine;

15 3-{[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridine-7-carbonyl]-amino}-propionic acid methyl ester;

4-(2-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-ethyl)-benzenesulfonamide;

4-[2-(6-Chloro-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

20 4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidine-2-carbonitrile;
4-[6-Bromo-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[6-Chloro-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

25 4-[6-Fluoro-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[6-methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

30 4-[7-aminomethyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[7-Methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

4-[8-Methyl-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamine;

5 6-(2,7-Difluoro-6-hydroxy-3-oxo-3H-xanthen-9-yl)-N-(4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-isophthalamide acid;

7-Amino-4-methyl-3-[(4-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butylcarbamoyl)-methyl]-2-oxo-2H-chromene-6-sulfonic acid;

10 Cyclobutyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

Cyclopentyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

Cyclopropyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

15 Cyclopropyl-methyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

Dimethyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

20 Isopropyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

Methyl-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-amine;

N-(2-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-ethyl)-acetamide;

25 N-(4-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-ylamino}-butyl)-acetamide;

N-[3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-2-(3-methoxy-phenyl)-acetamide;

30 N-[3-(2-Amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-3,3-dimethyl-butyramide;

N-[3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-3-pyridin-3-yl-propionamide;

N-[3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-acetamide;

5 N-[3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-nicotinamide;

N-[3-(2-amino-pyrimidin-4-yl)-2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyrimidin-7-yl]-propionamide;

10 N-{4-[2-(6-methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-acetamide;

N1-{4-[2-(6-Methyl-pyridin-2-yl)-imidazo[1,2-a]pyridin-3-yl]-pyrimidin-2-yl}-butane-1,4-diamine;

or pharmaceutically acceptable salts or N-oxides thereof.

15 33. A pharmaceutical composition comprising at least one compound of claim 1 and a pharmaceutically acceptable carrier.

34. A pharmaceutical composition comprising at least one compound of claim 30 and a pharmaceutically acceptable carrier.

20 35. A method of inhibiting the TGF β signaling pathway in a subject, the method comprising administering to said subject an effective amount of at least one compound of claim 1.

25 36. A method of inhibiting the TGF β signaling pathway in a subject, the method comprising administering to said subject an effective amount of at least one compound of claim 30.

30 37. A method of inhibiting the TGF β type I receptor in a cell, the method comprising contacting said cell with an effective amount of at least one compound of claim 1.

38. A method of inhibiting the TGF β type I receptor in a cell, the method comprising contacting said cell with an effective amount of at least one compound of claim 30.

5 39. A method of reducing the accumulation of excess extracellular matrix induced by TGF β in a subject, the method comprising administering to said subject an effective amount of at least one compound of claim 1.

10 40. A method of reducing the accumulation of excess extracellular matrix induced by TGF β in a subject, the method comprising administering to said subject an effective amount of at least one compound of claim 30.

15 41. A method of treating or preventing a fibrotic condition in a subject, the method comprising administering to said subject an effective amount of at least one compound of claim 1.

42. A method of treating or preventing a fibrotic condition in a subject, the method comprising administering to said subject an effective amount of at least one compound of claim 308.

20 43. The method of claim 41 or 42, wherein the fibrotic condition is selected from scleroderma, lupus nephritis, connective tissue disease, wound healing, surgical scarring, spinal cord injury, CNS scarring, acute lung injury, idiopathic pulmonary fibrosis, chronic obstructive pulmonary disease, adult respiratory distress syndrome, acute lung injury, drug-induced lung injury, glomerulonephritis, diabetic nephropathy, 25 hypertension-induced nephropathy, hepatic or biliary fibrosis, liver cirrhosis, primary biliary cirrhosis, fatty liver disease, primary sclerosing cholangitis, restenosis, cardiac fibrosis, ophthalmic scarring, fibrosclerosis, fibrotic cancers, fibroids, fibroma, fibroadenomas, fibrosarcomas, transplant arteriopathy, and keloid.

44. A method of inhibiting metastasis of tumor cells in a subject, the method comprising administering to said subject an effective amount of at least one compound of claim 1.

5 45. A method of inhibiting metastasis of tumor cells in a subject, the method comprising administering to said subject an effective amount of at least one compound of claim 30.

10 46. A method of treating a disease or disorder mediated by an overexpression of TGF β , the method comprising administering to a subject in need of such treatment an effective amount of at least one compound of claim 1.

15 47. A method of treating a disease or disorder mediated by an overexpression of TGF β , the method comprising administering to a subject in need of such treatment an effective amount of at least one compound of claim 30.

20 48. The method of claim 46 or 47, said disease or disorder being selected from the group consisting of demyelination of neurons in multiple sclerosis, Alzheimer's disease, cerebral angiopathy, squamous cell carcinomas, multiple myeloma, melanoma, glioma, glioblastomas, leukemia, and carcinomas of the lung, breast, ovary, cervix, liver, biliary tract, gastrointestinal tract, pancreas, prostate, and head and neck.